

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference Case 750 PCT	<div style="display: flex; justify-content: space-between;"> <div>FOR FURTHER ACTION</div> <div>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</div> </div>	
International application No. PCT/SE 2004/001547	International filing date (<i>day/month/year</i>) 26 October 2004	(Earliest) Priority Date (<i>day/month/year</i>) 13 November 2003
Applicant Perqo (Europe) AB et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II)

3. ☒ Unity of invention is lacking (see Box No. III)

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001547

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B32B 27/04, B44C 5/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B32B, B44C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1153736 A1 (PERSTORP AB), 14 November 2001 (14.11.2001), column 2, line 45 - column 3, line 9, abstract	1-7,9-13
Y	--	8,14-19
X	US 20030205012 A1 (EUGENIO CRUZ GARCIA), 6 November 2003 (06.11.2003), page 4, line 5 - line 25, abstract	1-7,9-13
Y	page 4, paragraph 0054 - 0057	16
	--	

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

14 February 2005

Date of mailing of the international search report

22 -02- 2005

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Lars Hennix/MP

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001547

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 10146304 A1 (HEINRICH WEMHÖNER GMBH & CO KG), 17 April 2003 (17.04.2003), column 1, line 23 - line 35; column 1, line 58 - column 2, line 34, abstract --	8,14-19
A	US 4557778 A (KURT HELD), 10 December 1985 (10.12.1985), abstract --	1-19
A	US 20030159385 A1 (BERNARD PAUL JOSEPH THIERS), 28 August 2003 (28.08.2003), page 1 paragraph 0011; page 2, paragraph 0027-0031 -- -----	1-19

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/001547

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

See extra sheet.

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

The invention according to claim 1 relates to a process for manufacturing a decorative board provided with a structured surface. The process is characterized in that a press plate provided with a structured surface is accurately positioned on top of the board before pressing. The press plate is removed after pressing so that the laminate will be provided with a décor surface with a matching surface structure which is in register with the décor of the paper. A process according to claim 1 is known from EP 1153736. Consequently, the application has been found to *à posteriori* constitute two groups of inventions.

- I. Claims 2-7 relating to a process for manufacturing a board. Claims 8-12, 14-16 relating to a process wherein a camera is used to match the pattern and structure. Claim 13 relating to a process wherein positioning markings are used on the surface.
- II. Claim 17 relating to a process for manufacturing a decorative board wherein a camera is used to position tools in relation to the décor in order to cut the board. Claims 18 and 19 relating to a process wherein a camera is used for quality control and statistic process control.

No same or corresponding technical features above the general state of the art can be identified between the two groups of inventions.

The two groups of inventions have, however, been covered by the international search.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

30/01/2005

PCT/SE 2004/001547

EP	1153736	A1	14/11/2001	SE	1153736	T3	
				DE	29724625	U	06/06/2002
				EP	1225033	A	24/07/2002
				SE	1225033	T3	
				AT	219726	T	15/07/2002
				AT	267695	T	15/06/2004
				AU	712317	B	04/11/1999
				AU	2108797	A	16/09/1997
				AU	6246596	A	22/01/1997
				DE	69627655	D,T	29/04/2004
				DE	69713572	D,T	09/01/2003
				DE	69729013	D	00/00/0000
				DE	69729334	D	00/00/0000
				EP	0833999	A,B	08/04/1998
				EP	0888215	A,B	07/01/1999
				ES	2179299	T	16/01/2003
				ES	2220849	T	16/12/2004
				JP	3545419	B	21/07/2004
				JP	11508335	T	21/07/1999
				PT	888215	T	29/11/2002
				PT	1153736	T	30/09/2004
				PT	1225033	T	31/08/2004
				SE	504501	C	24/02/1997
				SE	9600761	A	24/02/1997
				US	5984024	A	16/11/1999
				WO	9731775	A	04/09/1997
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US	20030205012	A1	06/11/2003	US	6691480	B	17/02/2004
				US	20030167717	A	11/09/2003
				US	20030205013	A	06/11/2003
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				US	20040074191	A	22/04/2004
				US	20040200165	A	14/10/2004
				WO	03092991	A	13/11/2003
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DE	10146304	A1	17/04/2003	NONE			
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INTERNATIONAL SEARCH REPORT

Information on patent family members

30/01/2005

International application No.

PCT/SE 2004/001547

US	4557778	A	10/12/1985	DE	3247146	C	22/03/1984
				DE	3249394	A,C,R	27/09/1984
				EP	0113823	A,B	25/07/1984
				SE	0113823	T3	
				JP	1048843	B	20/10/1989
				JP	1561377	C	31/05/1990
				JP	59115847	A	04/07/1984

US	20030159385	A1	28/08/2003	AT	6494	U	25/11/2003
				AU	2819301	A	24/12/2001
				AU	6571201	A	24/12/2001
				BE	1013553	A	05/03/2002
				BG	107380	A	30/06/2003
				BR	0111566	A	08/07/2003
				CA	2410206	A	20/12/2001
				CA	2410209	A	20/12/2001
				CN	1436267	T	13/08/2003
				CN	1436268	T	13/08/2003
				CZ	20024068	A	18/06/2003
				DE	1290291	T	15/07/2004
				DE	1984017	T	15/07/2004
				DE	01984017	T	15/07/2004
				DE	20121663	U	27/02/2003
				EP	1290290	A	12/03/2003
				EP	1290291	A	12/03/2003
				ES	2220241	T	16/12/2004
				HU	0301780	A	28/08/2003
				IL	153021	D	00/00/0000
				JP	2004502890	T	29/01/2004
				NO	20025970	A	10/02/2003
				NZ	522893	A	27/02/2004
				PL	359970	A	06/09/2004
				RU	2239031	C	27/10/2004
				SI	20989	A	28/02/2003
				SK	17382002	A	08/06/2004
				US	6786019	B	07/09/2004
				US	20020014047	A	07/02/2002
				US	20020056245	A	16/05/2002
				WO	0196688	A	20/12/2001
				WO	0196689	A	20/12/2001
				ZA	200209952	A	20/10/2003

2004-10-11

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Yours sincerely,



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